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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/996,218	11/28/2001	Po-Wen Lu	56713 (71987)	1206
21874	7590	02/10/2005		EXAMINER
EDWARDS & ANGELL, LLP P.O. BOX 55874 BOSTON, MA 02205			DOAN, DUYEN MY	
			ART UNIT	PAPER NUMBER
			2143	

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/996,218	LU, PO-WEN
	Examiner Duyen M Doan	Art Unit 2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 28 November 2001.  
 2a) This action is FINAL.                            2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-19 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-19 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 28 November 2001 is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

**Detail Action**

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-5, 8-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kromann (us pat 6766313) in view of Oracle Application user's guide (see attached reference).

**As regarding claim 1**, Kormann discloses a method for updating data, being applied to a system for updating data for allowing a user at a client's computer device to monitor data condition in a server (see figure 2, client computing device 14, server system 10), wherein the server is pre-constructed with a database having a plurality of data fields for storing data transmitted from a data source therein (see figure 2, repository 20), and with a result table corresponding to the data fields; the method comprising the steps of: (1) setting a predetermined data-updating time via the system for updating data, wherein the server retrieves the data from the data fields of the database and stores the retrieved data in data fields of the result table corresponding to the data fields of the database, when the predetermined data-updating time is reached in operation of the server (col.5, line 45-65);

Kormann does not expressly disclose setting a predetermined data-reading time via the system for updating data, wherein the client's computer device submits a data-reading request the server for allowing the server to retrieve the data from the data fields of the result table according to the request and transmit the retrieved data to the client's computer device, when the predetermined data-reading time is reached in operation of the client's computer device.

Oracle application user guide discloses setting a predetermined data-reading time via the system for updating data, wherein the client's computer device submits a data-reading request the server for allowing the server to retrieve the data from the data fields of the result table according to the request and transmit the retrieved data to the client's computer device, when the predetermined data-reading time is reached in operation of the client's computer device (chapter 6, page 6-13).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated Oracle application user guide with the teachings of Kormann, for the purpose of giving the users the control over how the users run their requests and request sets (see Oracle application user guide chapter 6, page 6-9).

**As regarding claim 2,** Kormann-Oracle application user guide discloses the system for updating data is constructed in a manner that at least one server is connected to a plurality of client's computer devices (see Kormann col.5, line 66-67, col.6, line 12 (Kormann teach only one user but the plurality of user can be implemented)).

**As regarding claim 3**, Kormann-Oracle application user guide discloses the server is connected to the data source by a network (see Kormann col.5, line 61-65).

**As regarding claim 4**, Kormann-Oracle application user guide discloses the computer includes a browser for allowing the user to submit the data-reading request so as to monitor the data condition in the server (col.6, line 1-12).

**As regarding claim 5**, Kormann-Oracle application user guide discloses server comprises: the database (see figure 2, repository 20); the result table (see figure 2, repository 20, cache manager 22, col.5, line 45-60); a data-updating module for storing the data in the data fields of the result table as set forth in the step (1) (col.6, line 45-67); and a data-reading module for retrieving the data from the result table and transmitting the retrieved data to the client's computer device as set forth in the step (2) (col.6, line 45-67).

**As regarding claim 8**, Kormann discloses (1) storing via the server the data transmitted from the data source in the data fields of the database (col.5, line 45-65); (2) retrieving via a data-updating module of the server the data from the data fields of the database, and storing the retrieved data in data fields of the result table corresponding to the data fields of the database, when a predetermined data-updating time being reached in operation of the server (col.5, line 45-65, col.6, line 55-67); (4) reading the data in the result table via a data-reading module of the server according to the data-reading request after receiving the data-reading request via the server (col.6, line 12-54); (5) transmitting the read data from the result table via the data-reading module of the server to the client's computer device which submits the data-reading request (col.6,

line 45-54); and (6) displaying the data transmitted from the result table on a screen of the client's computer device to be monitored by the user (col.6, line 45-54).

Kormann does not disclose (3) submitting via the client's computer device a data-reading request to a server, when a predetermined data-reading time being reached in operation of the client's computer device.

Oracle application user guide discloses submitting via the client's computer device a data-reading request to a server, when a predetermined data-reading time being reached in operation of the client's computer device (chapter 6, page 6-13).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated Oracle application user guide with the teachings of Kormann, for the purpose of giving the users the control over how the users run their requests and request sets (see Oracle application user guide chapter 6, page 6-9).

**As regarding claim 9** is rejected for the same rationale as claim 2.

**As regarding claim 10** is rejected for the same rationale as claim 3.

**As regarding claim 11** is rejected for the same rationale as claim 4.

**As regarding claim 12** is rejected for the same rationale as claim 1.

**As regarding claim 13** is rejected for the same rationale as claim 1.

**As regarding claim 14** is rejected for the same rationale as claim 4.

**As regarding claim 15** is rejected for the same rationale as claim 4.

Claims 6-7, 16-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kormann-Oracle application user guide as applied to claims 1, 5 above, and further in view of Kraft et al (us pat 6832239).

**As regarding claim 6**, Kormann-Oracle application user guide discloses all the limitation of claim 1,5 above and further disclose the timing module for counting time required for the server to store the data in the result table. The combination of Kormann and Oracle application user guide does not disclose comparing the counted time with the predetermined data-updating time as set forth in the step (1).

Kraft et al disclose comparing the counted time with the predetermined data-updating time as set forth in the step (1) (figure 14, step 1402).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated Kraft et al with the teachings of Kormann-Oracle application user guide, for the purpose of efficiently managing the resources of a file server in order to obtain shortened download times and provide client feedback of the server load status (see Kraft et al col.2, line 13-17).

**As regarding claim 7**, Kormann-Oracle application user guide discloses all the limitation of claim 1,5 above and further disclose timing module for counting time required for the client's computer device to submit the data-reading request. The combination of Kormann and Oracle application user guide does not disclose comparing the counted time with the predetermined data-reading time as set forth in the step (2).

Kraft et al disclose comparing the counted time with the predetermined data-reading time as set forth in the step (2) (figure 14, step 1402).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated Kraft et al with the teachings of Kormann-Oracle application user guide, for the purpose of efficiently managing the resources of a file server in order to obtain shortened download times and provide client feedback of the server load status (see Kraft et al col.2, line 13-17).

**As regarding claim 16** is rejected for the same rationale as claim 6.

**As regarding claim 17** is rejected for the same rationale as claim 6.

**As regarding claim 18** is rejected for the same rationale as claim 7.

**As regarding claim 19** is rejected for the same rationale as claim 7.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duyen M Doan whose telephone number is (571) 272-4226. The examiner can normally be reached on 9:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner  
Duyen Doan  
Art unit 2143



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